



# The Gazette of India

PUBLISHED BY AUTHORITY

No. 14] NEW DELHI, SATURDAY, APRIL 4, 1964 (CHAITRA 15, 1886)

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

##### Patents and Designs

Calcutta, the 4th April 1964

##### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act

16th March 1964

92773. Lakshman Nundy and Abhiram Nundy. Improvements in or relating to cycles.
92774. M. R. Mohan. Process of manufacture of decorative veneers or planks.
92775. Souvenirs & Industrial Plastics. Improvements in or relating to containers.
92776. Tokyo Shibaura Electric Company Limited. Electric discharge gap device.
92777. Tokyo Shibaura Electric Company Limited. Railway trucks.
92778. Tokyo Shibaura Electric Company Limited. Railway truck having means to prevent shift of axle weights.
92779. P. K. S. Rajamani. Reduction of power with shock absorb circuit.
92780. S. N. Sud. Improvements in or relating to rice huller.
92781. A. Trouvain. Improvements in or relating to door arrangements.
92782. Dynamit Nobel Aktiengesellschaft. Firing cartridge.
92783. E. I. du Pont de Nemours and Company. Products and processes.
92784. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Vacuum furnace. (17th February 1964).
92785. Clevite Corporation. Apparatus and method of making a trimetal bearing material.
92786. E. Merck Aktiengesellschaft. Process for the production of steroids.
92787. Maj. Gen. B. D. Kapur. A moulding compound for paper capacitors.
92788. Toyo Kohan & Co., Ltd. Electrochemical treatment of metal surfaces.
92789. Kyowa Hakko Kogyo Co., Ltd. Process for the manufacture of 5'-purine nucleotide by the fermentation method.
92790. Veb Leuna-Werke "Walter Ulbricht". Process for preparation of 2-alkyl-iso-nicotinic-acid esters and 2-alkyl-iso-nicotinic-acid nitriles.
92791. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Isopropanols and process for the manufacture thereof.
92792. Dow Corning Corporation. Production of reactive free radicals.
92793. Aktiebolaget Svenska Flaktfabriken. An arrangement in a dryer or a similar treatment plant.
92794. Aktiebolaget Svenska Flaktfabriken. A web turning device.
92795. Sandoz Ltd. Basic dyes, their production and use. [Addition to No. 81842].
92796. Union Carbide Corporation. Redox process.
92797. M. K. Katakia. Improvements in or relating to coin-freed vending machine.
92798. Gullick Limited. Improvements in or relating to fluid flow control valves.
92799. Bristol Aerojet Limited. Improvements in rocket launching. (18th March 1963).
92800. Gutehoffnungshutte Sterkrade Aktiengesellschaft. Composite pit prop. (27th January 1964).
92801. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Cyclic amines and process for the manufacture thereof.
92802. R. P. Heuer. Improvements relating to basic refractory bricks and processes of making the same.
92803. R. P. Heuer. Improvements relating to magnesia-chrome refractory bricks of increased strength at elevated temperatures.
92804. Vickers-Armstrongs (Shipbuilders) Limited. Improvements in or relating to a method and apparatus for cargo handling. (18th March 1963).
92805. Inventio Aktiengesellschaft. Locking mechanisms for lift doors.
92806. Ciba Limited. Manufacture of amino compounds.
92807. Nyegaard & Co. A/S. Chemical compositions. (25th March 1963).
92808. Halcon International, Inc. Chemical process and product.
92809. Halcon International, Inc. Chemical process.
92810. Halcon International, Inc. Chemical process and product.
92811. Halcon International, Inc. Chemical process.
92812. Halcon International, Inc. Chemical process.
92813. Halcon International, Inc. Chemical process.

92814. Indian Oxygen Limited. Minimising the contamination of molten metal during castings. (14th March 1963).
92815. The Paterson Engineering Company Limited. Improved underdrains for water filtering systems. (18th March 1963).
92816. J. R. Geigy A. G. Process for the production of new imidazole derivatives.
92817. R. Rastogi. Hand made asbestos sheets, asbestos boards (mill boards).  
18th March 1964
92818. The B. F. Goodrich Company. Synthetic polymer emulsions of controlled particle size. (23rd May 1963). [Addition to No. 83865].
92819. Tokyo Shibaura Electric Company Limited. Apparatus for detecting rotating speed.
92820. N. C. Patel. Shirol corrugated or semi-corrugated sheets by vacuum process.
92821. N. C. Patel. Shirol building pipes by centrifugal forced process.
92822. N. C. Patel. Shirol plain sheets by vacuum process.
92823. Buck Tool Company. Expandable or contractible workpiece holder.
92824. Miles Laboratories, Inc. Process and product.
92825. Sperry Rand Corporation. Fluid diode.
92826. Sperry Rand Corporation. Fluid amplifiers.
92827. Sperry Rand Corporation. Fluid stream deflecting means.
92828. Sperry Rand Corporation. Separable fluid control.
92829. Clayton Dewandre Company Limited. Improvements in or relating to automatic lubricating systems. (28th March 1963).
92830. Eastman Kodak Company. Tow treatment.
92831. Pyrotenax Limited. Improvements in or relating to joints in metal-sheathed mineral insulated electric cables. (21st March 1963).
92832. Huyck Corporation. Treating process for greige fabric and products thereof.
92833. M & T Chemicals Inc. Novel composition.
92834. Standard Oil Company. Chemical process.
92835. Shell Internationale Research Maatschappij N. V. Process for the production of supersonic jet fuels or components thereof.
92836. Shell Internationale Research Maatschappij N. V. A clay based grease composition and a process for the preparation therefor.
92837. Takeda Chemical Industries, Limited and Y. Hamamura. Feedstuff for silkworms.
92838. Chemische Fabrik Pfersee G.m.b.H. Cross-linking condensation compounds.
92839. Chemische Fabrik Pfersee G.m.b.H. Aqueous emulsion preparation.
92840. Heinrich Koppers Gesellschaft Mit Beschränkter Haftung. Improvements relating to the gasification of finely-divided solid fuels.
92841. Pirelli Societa Per Azioni. Improvements in or relating to vehicle wheel pneumatic tyres of the replaceable tread type. (16th January 1964).
92842. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of producing doped semiconductor material and apparatus for carrying out the said methods.
92843. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to devices for providing a strengthening surround around the bulb of a cathode-ray tube, more particularly for television display.
92844. Aziende Colori Nazionali Affini Acna S.p.A. Dye-stuffs for polyesters fibres.
92845. Phillips Petroleum Company. Process for polymerizing 1,3-butadiene.
92846. Ransome & Marles Bearing Company Limited. Improvements in ball and roller bearings. (15th October 1963).
92847. Didier-Werke A. G. Heating chamber walls, specially back walls of industrial furnaces E.G. Siemens-martin furnaces (open hearth furnace).  
19th March 1964
92848. N. A. Ramaiah. New process of clarification of cane juice using cationic surface active agents.
92849. R. R. Dhir. Self adjusting wrench.
92850. W. R. Grace & Co. Manufacture of polypropylene.
92851. W. R. Grace & Co. Process.
92852. W. R. Grace & Co. Stabilized polypropylene compositions and process for their production. (9th April 1963).
92853. W. R. Grace & Co. Polypropylene polymerization process. (5th September 1963).
92854. W. R. Grace & Co. Polymerization process. (18th February 1964).
92855. W. R. Grace & Co. Polymerization process. (21st February 1964).
92856. Bolidens Gruvaktiebolag. Improvements in or relating to the production of metals from pulverulent materials by flash smelting in an electrically heated furnace.
92857. Massey-Ferguson Limited. Improvements relating to combined harvester-threshing machines. (5th September 1963).
92858. Dr. T. Ghose, B. Bandyopadhyay and The Registrar, Jadavpur University. A fluidized or spouted bed hot air batch or continuous dryer for cereal grains and granular material including foodstuff.
92859. Toyo Koatsu. Industries, Incorporated. Method for suppressing the nitrification of ammonium nitrogen in soil.
92860. Chiyoda Kako Kensetsu Kabushiki Kaisha. Water clarifying equipment.  
20th March 1964
92861. D. Moolchand and B. Devichand. A coat hanger filled in with air.
92862. J. M. Parekh. Switchgear.
92863. G. B. Pachisia. Improved oven or cooking appliance.
92864. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of pyridine derivatives. (21st March 1963).
92865. The Lummus Company. Method for impregnating cellulosic material.
92866. Bright Manufacturing Company Limited. Improvements in clips. (26th March 1963).
92867. K. Nimtz. A double twist spindle.
92868. Cassella Farbwerke Mainkur Aktiengesellschaft. 7-hydroxy-2-oxo-1, 2-dihydroquinoline derivatives and process for their production.
92869. Gebrüder Buhler. Casting machines. (13th February 1964).
92870. Glaxo Laboratories Limited. Improvements in or relating to antibiotics.
92871. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (27th March 1963).
92872. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (28th May 1963).
92873. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (28th May 1963).
92874. United States Steel Corporation. Method of briquetting iron oxide fines.
92875. United States Steel Corporation. Continuous-casting mold.
92876. United States Steel Corporation. Method and apparatus for continuously galvanizing strip.
92877. Stamicarbon N. V. Process and installation for putting a jig washer into operation.

92878. Bau-Stahlgewebe GMBH. A reinforcement for structural units.

92879. Owens-Corning Fiberglas Corporation. A method of forming continuous fine filaments of heat-softened mineral material.

#### Alteration of date

84213. The claim to priority date 4th October 1961 has been disallowed and the application dated as of 19th September 1962, the date of filing in India.

85015. The claim to priority date 16th November 1961 has been disallowed and the application dated as of 7th November 1962, the date of filing in India.

85640. The claim to priority date 22nd February 1962 has been disallowed and the application dated as of 15th December 1962, the date of filing in India.

92348. Ante-dated to 26th June 1962 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

82772. Nissan Kagaku Kogyo Kabushiki Kaisha. A process for the production of complex fertilizers. Accepted on 16th March 1964.

*Comprises controlling the partial pressure of ammonia in the reaction chamber, maintaining the diameter of spraying nozzle, treating the effluent gas from the reaction chamber in the cooling condenser, controlling the operating pressure, absorbing the effluent gas in the condensate to form an enriched aqueous ammonia and rectifying the said aqueous ammonia.*

82774. Stauffer Chemical Company. Phosphorodithioates, method of making the same, and pesticidal compositions containing them. Accepted on 16th March 1964.

*Reacting alkali salt of O-O-dialkyl dithiophosphates with chlorinated dimethylprimidines.*

82780. Canada Iron Foundries, Limited. Apparatus for surveying railroad track. Accepted on 16th March 1964.

*Comprising a first carriage carrying a beam transmitter, a tamping carriage, a beam receiver for the tamping carriage track jacking attachment between the transmitter and the receiver.*

82819. Polymer Corporation Limited. Process for the production of oil resistant synthetic rubber latexes of high solids content. (8th July 1961). Accepted on 18th March 1964.

*By blending a lower solid content latex copolymer of 70-99 parts butadiene-1, 3-hydrocarbon and 1-30 parts vinylidene cyanide with vinyl chloride polymer before freezing.*

82820. Polymer Corporation Limited. Fluid concentrated latex blends and process for producing the same. (8th July 1961). Accepted on 18th March 1964.

*By blending a lower solid content latex polymer comprising a butadiene-1, 3-hydrocarbon with a polymer selected from polyvinyl chloride, polyalkylene benzene and copolymer of alkylene benzene with a butadiene-1, 3-hydrocarbon before freezing.*

82828. Jatindra Nath Das. Vertical safety by-pass valve for steam locomotive. Accepted on 18th March 1964.

*Comprises a control valve inside a body casing fitted with a top-cover, a spring around lower portion of the valve spindle and a valve exhausting screw.*

82842. E. I. du Pont de Nemours and Company. A method of bonding metals by explosive means. Accepted on 18th March 1964.

*Forming a juncture between two metal layers and the juncture being defined by an angle between 1° and 32°; positioning an explosive composition on the periphery of the metal layers and initiating the explosive.*

82845. Canada Iron Foundries, Limited. Improvements in or relating to railroad track cross-level or super elevation sensing devices. (21st August 1961). Accepted on 18th March 1964.

*Comprising a plurality of elements for establishing a light path, gyesopic reference datum means and means engaging each of the rails.*

82977. The Firestone Tire & Rubber Company. Process of polymerising monomers and polymeric products of thereof. Accepted on 20th March 1964.

*Subjecting at least one monomer to polymerizing conditions in an organic liquid, said liquid having dissolved therein a dispersing agent, said liquid being a non-solvent for the polymer produced by the said process.*

83125. Miles Laboratories, Inc. Acetals dialdehyde polysaccharides. [Addition to No. 77457]. Accepted on 20th March 1964.

*Contacting dialdehyde polysaccharide with an alcohol selected from the group consisting of methanol, ethanol and ethyl alcohol in presence of a catalyst selected from the group consisting of sulfuric acid and P-toluenesulfuric acid.*

83323. I. C. P. M. Industrie Chimiche Porto Marghera S.p.A. Process for removal of arsenic compounds and/or antimony from hydrofluoric acid. Accepted on 19th March 1964.

*Treating hydrofluoric acid containing arsenic and/or antimony compounds with oxidizing agent in presence of alkali ions.*

83521. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Distillation system and process for the separation of mixtures of close-boiling compounds. Accepted on 20th March 1964.

*Includes a plurality of fractionating steps in series, each of which steps is adapted to separate material into an overhead fraction and a bottom fraction, and subjecting at least one of the fractions to further fractionations the feed to the latter step being at a point intermediate the fraction separation points thereof.*

83543. General Electric Company. Improved axial flow vapor-liquid separator. Accepted on 16th March 1964.

*Comprises an elongated vortex tube having a vapour-liquid mixture inlet opening axially at one end and an outlet opening axially at the other end and includes a dryer housing having an upper dried vapour outlet opening.*

83682. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for stabilizing trioxan copolymers, trioxan copolymers so stabilized, and compositions of matter containing such copolymers. Accepted on 18th March 1964.

*A macromolecular copolymers consisting of trioxan and a member selected from the group consisting of formals and cyclic ethers is stabilized by incorporating therewith 0.1 to 10% by weight calculated on the copolymer of a terpene-substituted phenol.*

83796. Laporte Chemicals Limited. Process for the preparation of perdisulphates of lithium, sodium, potassium, rubidium, caesium, ammonium, beryllium, magnesium, calcium, strontium and barium. (31st August 1961). Accepted on 18th March 1964.

*Heating the corresponding permonosulphate at 75 to 300°C to form the perdisulphate and hydrogen peroxide.*

84111. J. R. Geigy A.-G. Process for the production of monoazo dyestuffs, dyestuffs so produced and textile materials dyed therewith. Accepted on 12th March 1964.

*Coupling compounds like 1-amino-2-chloro-4-nitrobenzene with 2-aminonaphthalene-6-ethylsulphonic.*

84170. Babcock & Wilcox Limited. Method of and machine for forming tubes and longitudinally extending fins. (20th September 1961). Accepted on 17th March 1964.

*Wherein the tube is assembled with two metal strips each at diametrically opposite sides of the tube and the strips are simultaneously fusion welded to the tube.*

84192. W. R. Grace & Co. Apparatus and process for the continuous production of polyethylene film. Accepted on 18th March 1964.

*Comprises forming a substantially homogeneous mixture of a solid polyethylene and from about 0.2 to about 4.0 percent by weight, based on the weight of the polyethylene, of a cross linking agent.*

84208. Babcock & Wilcox Limited. Improvements relating to tubular return bends. Accepted on 19th March 1964.

*Forming a suitable length of tube having a diameter greater than the required diameter or diameters of leg portions of the return bend, reducing the diameters of the ends parts of the length of tube and bending the said length into the form of a return bend.*

84211. Sperry Rand Corporation. Receptacle for a printed electrical circuit card. Accepted on 16th March 1964.

*Comprising an elongated insulating housing having an opening defined by spaced longitudinal side walls joined by end walls and a bottom wall and a plurality of contact members supported in the housing.*

84213. Clark & Vicario Corporation. Apparatus for providing a substantially constant flow of de-aerated paper making stock and the method of making paper. Accepted on 19th March 1964.

*Comprising an enclosed receiver, evacuating means for the receiver, means for atomising the stock into the receiver, means for withdrawing stock from the receiver, weir means within the receiver and means for recycling the overflowed stock into the receiver.*

84245. Maschinenfabrik Augsburg-Nürnberg A. G. Improvements in and relating to ignition systems for internal combustion engines. Accepted on 20th March 1964.

*Wherein a jacket is disposed surrounding the ignition device with a clearance in front of the device and with the bottom end facing combustion chamber open.*

84251. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Process for preparing aliphatic primary alcohols. Accepted on 19th March 1964.

*Hydrocarbons mainly constituted of butenes as starting raw material through the intermediate formation of aluminium alkyl derivatives constituted of a major portion of aluminium octyls, said derivatives are then oxidised and finally hydrolysed.*

84270. Dunlop Rubber Company Limited. Method and apparatus for orientating workpieces. Accepted on 20th March 1964.

*Comprises feeler mounted on rotatable support to engage the surface of workpiece and means stopping the rotation of support at a predetermined angular position.*

84273. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process and catalyst for the preparation of ethylene oxide. Accepted on 20th March 1964.

*Comprising silver supported on carrier particles.*

84300. Sperry Rand Corporation. Fluid signal generator. Accepted on 16th March 1964.

*Having an outlet in a solid body, a source of power fluid, means for directing the power fluid to the outlet and means responsive to the power fluid to alternately deflect the power fluid from the outlet.*

84301. Sperry Rand Corporation. Tape editor. Accepted on 18th March 1964.

*Characterised by electrically actuated recording means for reproducing data record onto the second record medium in response to an input representing the data recorded on the first record medium, and control means responsive to an input representing an acceptance rejection instructions for enabling or disabling the recirculating means.*

84364. Balsara & Co. Private Limited. Improvements in or relating to push type means for dispensing liquid soap or the like. Accepted on 20th March 1964.

*Slidable valve stem, the top end of which acting as a valve and the bottom end being provided with a stud or the like.*

84408. Acrow (Engineers) Limited. Improvements in or relating to silos. Accepted on 20th March 1964.

*Comprises a hopper running on a track extending out from the discharge outlet of the silo and in which the track is mounted for movement in a horizontal plane.*

84425. A. B. Dick Company. Inking cylinder for duplicating machines and the like. Accepted on 20th March 1964.

*Including a cylindrical curved perforated portion with means for securing inking pads near its ends, improvement comprising elongated slots formed of said portion adjacent said ends and opening into said cylinder.*

84513. Farbenfabriken Bayer Aktiengesellschaft. Asymmetrical ethylenic methylene-bis-amides and a process for the production thereof. (22nd June 1962). Accepted on 16th March 1964.

*Reacting methylol ether of saturated acid amide with acid amide containing polymerisable carbon-carbon double bond.*

84527. Byk-Gulden Lomberg, Chemische Fabrik GmbH. Benzofuran derivatives and process for their production. Accepted on 18th March 1964.

*3-alkyl-5-benzyloxy benzofuran-2-carboxylic acid is converted to acid chloride and reacted with diazomethane to produce benzofuran-2-diazoketone and the latter is reacted with ammonia and reduced to the corresponding  $\beta$ -aminoethyl derivative.*

84537. E. Merch Aktiengesellschaft. Adsorbent for plate chromatography, especially for thin layer chromatography. Accepted on 20th March 1964.

*Consisting of silica gel or silicious earth or aluminium oxide characterised in that from 3 to 10 parts by weight of silicon dioxide is added to the adsorbent as an adhesive material.*

84572. Rayonier Incorporated. Processing of hydroxyethylcellulose. Accepted on 20th March 1964.

*Incorporating in the hydroxyethylcellulose a metal of the group consisting of cobalt and manganese and then subjecting it to catalytic oxidation in an oxygen containing gas.*

84617. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Chemical process. Accepted on 20th March 1964.

*Additional cool ethylene into the reaction zone whereby the peak reaction mixture temperature is controlled and conversion per pass is increased.*

84626. J. W. Boon. A cover for disc- or plate-like objects in particular for gramophone records. Accepted on 20th March 1964.

*Side edges of the bag being fixed together over part of their length by folding strips, the parts of said edges not being fixed together having foldable lips.*

84703. A. I. McFarlan. Air conditioning system. Accepted on 18th March 1964.

*Characterized by an arrangement for supplying a cooling medium to the heat transfer sections.*

84763. Pilkington Brothers Limited. Improvements in or relating to drawing glass vertically in sheet form. (9th August 1962). Accepted on 20th March 1964.

*Comprises continuously aspirating boundary layer of cold air passing down cooling surface facing drawn sheet in a multiplicity of individual streams.*

84792. N. A. Nasrulla and A. Nomanohoy. Locking device for fluorescent lamps. Accepted on 20th March 1964.

*Consisting of a locking element and comprising a strip of sheet material having openings to engage the pins of the lamp, said strip having an extension, a slot in said extension and a locking key for said strip.*

84832. The Commonwealth Industrial Gases Limited. Resuscitator. Accepted on 20th March 1964.

*Comprising a compressible reservoir, a hollow head member having several openings communicating with the reservoir, the face mask and the atmosphere; and a resiliently biased valve in the head member.*

84841. The Dow Chemical Company. Self-extinguishing alkenyl aromatic polymeric compositions for producing same and articles obtained using said compositions. Accepted on 16th March 1964.

*Comprises one organic polymer or co-polymer and at least one organic halogen-containing flame-proofing agent.*

84865. AMP Incorporated. Magnetic core assembly. [Addition to No. 72900]. Accepted on 16th March 1964.

*Improvement in Indian patent no. 72900 where a length of insulating non-magnetisable tape is extending about the core so that each core is separated from the next adjacent core by a portion of the tape.*

84871. Willcox & Gibbs Sewing Machine Company. Carriage for doffing and donning device. Accepted on 20th March 1964.

*Comprising a frame having rail engaging rollers, a subframe having floor engaging wheels, means connecting the frame and subframe, including lift means for relative vertical movement and control means for the lift means.*

84931. General Railway Signal Company. Remote control system for railway vehicles. (13th November 1961). Accepted on 20th March 1964.

*Comprising coding means at each of control locations operable to transmit code information indicative of desired performance of vehicles on stretch of track towards the other of control locations, control means for rendering the coding means at one of control locations ineffective to transmit code information and for removing the coding means at the other of control locations effective to transmit code information, and means on rail road vehicle responsive to code information transmitted by the effective coding means.*

84982. Willcox & Gibbs Sewing Machine Company. Empty bobbin supply means. Accepted on 20th March 1964.

*Comprises a movable carriage, empty bobbin supplying means and bobbin feeding means including a link belt having sockets, to a reservoir for a donning device.*

84989. "Societe Anonyme Iwan Simonis" S. A. Braking device for instantaneously stopping circular looms. Accepted on 18th March 1964.

*The rotating assembly consists of a combination of a crown integral with it, at least a pair of jaws actuating the said crown in a parallel direction with the said rotating wheel*

84993. Willcox & Gibbs Sewing Machine Company. A device for donning empty bobbins or spindles on a spinning frame, twister or the like. Accepted on 20th March 1964.

*Providing a wheeled carriage mounted by rollers on rails on the spinning frame to move along the spinning frame and to carry doffing units for removing full bobbins from the spindles and having empty bobbin supply means.*

85015. Telefonaktiebolaget L. M. Ericsson. Self-supporting cable cabinet for telephone plants. Accepted on 18th March 1964.

*Characterized by each construction unit being designed as a self-supporting square funnel section with each side comprising a rectangular frame supporting terminal blocks.*

85070. Beloit Corporation. An apparatus for drying a travelling fibrous web. Accepted on 20th March 1964.

*Comprises hood having impingement plate, defining plenum, wrapping about drying cylinder and adjacent web, a fan in hood to create pressure and vacuum zones and air heater in pressure zone.*

85105. Sarco International Corporation. Thermodynamic trap. Accepted on 18th March 1964.

*Trap housing member having inlet and outlet ports, valve seat insert member provided with inlet and outlet passages, means for detachably securing the valve seat insert member to the housing member and few sealing ridges.*

85255. E. I. du Pont de Nemours and Company. Method of making vapor permeable sheet materials having a microporous polymeric layer. Accepted on 18th March 1964.

*Applying to a substrate a layer of a solution of polymer in an organic solvent, bathing the layer with a mixture of an organic solvent for the polymer and removing substantially all the solvent from the layer.*

85466. K. Hirohashi. An anode for the electrolysis of alkali metal chloride solution using a horizontal mercury cathode. Accepted on 16th March 1964.

*Lower side of graphite anode plate attached with an electric conducting rod being provided with an induction chamber for inducing chlorine gas bubbles generated by electrolysis.*

85587. L. Fontaine. Continuous weaving loom. Accepted on 16th March 1964.

*Each runner carried a small bobbin of yarn on which is wound a length of weft to be laid during its movement, each warp being individually controlled by a heald, the weft yarns are beaten by reeds.*

85607. Dr. Beck & Co. G.M.B.H. Improvements in or relating to the preparation of hardenable synthetic resins, and method of hardening unsaturated synthetic resin. Accepted on 20th March 1964.

*Comprises the steps of esterifying at least one inorganic or organic acid which is at least tribasic with one or more mono or polyglycidal ethers to form substantially neutral intermediate product which is heated with polyhydric hydroxy compounds and one or more saturated or unsaturated carboxylic acid or its derivative.*

85640. United States Rubber Company. Improvements in herbicidal concentrate. Accepted on 16th March 1964.

*Comprising a mixture of tris-(2, 4-dichlorophenoxyethyl) phosphite and 2, 4-dinitro-6-secondary-butyl-phenol in a ratio of 5:1 to 1:3, a mutual solvent and surface active dispersing agent.*

85845. Centralny Naoutchno-Issledovatel'skiy Institut Tchernoy Metallurgiy "I. P. Bardine" and Sojuzny Proektny Institut "Stalproekt". Improvements in or relating to a machine for the continuous casting of steel. Accepted on 16th March 1964.

*Comprising a main ladle and at least one intermediate ladle for liquid metal to cooled ingot moulds wherein are formed ingots which are subjected to a second cooling and stripped by dummies through the medium of sets of extracting rollers with subsequent severing into sections of given length.*

85872. Amsted Industries Incorporated. Railway car truck. Accepted on 16th March 1964.

*Comprises bolster interconnecting the sideframes and supported on compression springs seated on shelves on the sidewall of tension member of box section.*

85907. H. Saito. Healds for a jet loom. Accepted on 18th March 1964.

*The eye of a certain number of heald wires at the position corresponding to the additional air nozzles in the lay beam is placed in a different lever from that of other wires.*

85908. H. Saito. A jet loom. Accepted on 16th March 1964.

*The main nozzle is provided with a side-ward position of the lay beam and reciprocates in relation to the motion of the said lay beam.*

85910. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to coil core of ceramic ferromagnetic material. Accepted on 18th March 1964.

*The coil core comprises a mainly off shaped portion and at least one annular portion.*

85917. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Improvements in or relating to an oxidation process. [Addition to No. 85864]. Accepted on 16th March 1964.

*Molecular oxygen containing gas is contacted with a mixture of liquid hydrocarbon and a compound selected from the group of boric acid and lower hydrates of boric acid at 140-180°C.*

85927. W. A. Whitney Manufacturing Company. Improvements in hydraulic pumps. (15th February 1962). Accepted on 19th March 1964.

*Control valve automatically changing the output of the pump as an incident to a reversal in the direction of rotation of the pumping element.*

85951. Imperial Chemical Industries Limited. Winding apparatus. Accepted on 18th March 1964.

*Characterized by the entrainment device comprising a double ended flexible lug forming integral part of a rubber band encircling the bobbin, the tips of the lugs being thrown out on rotation of bobbin.*

85957. Metallgesellschaft Aktiengesellschaft. Process for direct reduction of iron ore pellets. [Addition to No. 81769]. Accepted on 20th March 1964.

*Hard baking of pellets on sinter conveyor being carried out at a temperature of 900 to 1150°C.*

86042. Union Carbide Corporation. Electric lamps. Accepted on 16th March 1964.

*The filament comprises a shaped core wire having a fine wire of smaller diameter wound around and bonded thereto, said wires being made of tantalum carbide or of a carbide of tantalum alloy.*

86138. H. Holloway. Improvements in centrifuges. Accepted on 18th March 1964.

*Comprises a rotary bowl, overflow means, discharge nozzles, a hub with flow passages, divergent conduits, annular walls and stationary conduit means.*

86338. Imperial Chemical Industries Limited. Apparatus for measurement and control of temperature of electrically heated moving bodies. (19th February 1962). Accepted on 18th March 1964.

*Comprising a heated stationary cylindrical metal block located within and coaxial with the roller, a cavity in the surface of metal block containing a thermally conductive slipper in combination with a temperature sensing element and temperature controlling means.*

86345. Pilkington Brothers Limited. Improvements in or relating to the manufacture of wired glass. (5th February 1962). Accepted on 16th March 1964.

*In which a wire web consisting of longitudinal and transverse wires is fed into a bolster of molten glass, wherein the transverse wires are heated progressively as the web is fed into the bolster.*

86363. Forges Et Ateliers De Constructions Electriques De Jeumont. Automatic devices for control and signalling for railways. (24th January 1963). Accepted on 16th March 1964.

*Wherein the contacts are respectively associated with independent signalling by short-circuiting.*

86371. Allied Chemical Corporation. Improvements in or relating to laminated structures. Accepted on 18th March 1964.

*Comprising a core material and one or more sheets of paper impregnated with a cured 4-methyl-4-acetyl pimeleoguanine/formaldehyde resin.*

86613. Dunlop Rubber Company Limited. Multi-ply mechanical belting. Accepted on 20th March 1964.

*Comprises at least two adjacent plies tied together by threads, at least one of the plies being adhered to an adjacent layer of plastic material and plies being secured together substantially solely by the threads.*

86804. Balsara & Co. Private Limited. Improvements in or relating to dispensing liquid soap or the like detergent. Accepted on 18th March 1964.

*Characterised in that it is provided with a hack plate, a key operated latch means and additional locking means.*

86808. Mining Supplies Limited. Improvements in or relating to coal-cutting machines. (24th March 1962). Accepted on 16th March 1964.

*Comprising a solid block to provide the box, the box having a cylindrical bore with forward end of the bore flared, also having two transverse holes extending in divergent directions, together with a U-shaped stiff wire locking member to be driven with its two limbs, and pick with a cylindrical shank to be received the bore of the box and with a body forming at its junction with the shank a shoulder to fit the flared end of the bore.*

86934. Formica Corporation. Polymeric composition. Accepted on 19th March 1964.

*Comprising from 70-85 mole percent of methylmethacrylate, from 5-10 mole percent of butylacrylate from 10-25 mole percent of 2-hydroxyethylmethacrylate and 0.1—1.5 moles of a polymethyl ether of a polymethylol melamine per mole of said hydroxyethylmethacrylate.*

87042. The Wellman Smith Owen Engineering Corporation Limited. Improvements in apparatus for stripping ingots from moulds. (20th March 1962). Accepted on 16th March 1964.

*The stripping means is operable through an additional distance in the sense which will cause closing of the extracting tongs positively to close the holding tongs.*

87077. P. S. Nes. Box, particularly for archives. (15th March 1963). Accepted on 18th March 1964.

*Overlapping ends of the top flaps of the short side walls are extended each with a locking tongue folded at right angles to its top flap.*

87271. Union Carbide Corporation. Manufacture of multi-layer insulated container. Accepted on 18th March 1964.

*Comprises depositing the fibrous web material on to a moving sheet of backing material to form a length of insulation composite, winding into a roll, unwinding the roll and wrapping the insulation composite around the outer curved surface and tensioning the sheet.*

87294. C. F. Boehringer & Soehne GmbH. Stable test papers and a process for the production thereof. (1st March 1963). Accepted on 19th March 1964.

*Impregnating absorbant paper with one or more reagents and sealing the same between two synthetic resin foils.*

87514. Imperial Chemical Industries Limited. Bag closing and sealing machine. (26th April 1962). Accepted on 18th March 1964.

*Comprising a conveyor for advancing the filled bags and longitudinally disposed, closely spaced elements adapted to bring the sides of the unclosed ends of the bags into juxtaposition and then apply pressure and heat to press and fuse the sides of the bag ends together.*

87901. Chatons Private Limited. An improved process for silvering the imitation stones and the like gemstones. Accepted on 18th March 1964.

*Consists of (1) fixing each of the table cut stones with its table cut face downwards on to a tray (2) immersing the tray in a bath (3) allowing silvered surface of stones to dry (4) the mirrored surface being coated with lacquer (5) then removed for cleaning and polishing.*

92348. The Firestone Tire & Rubber Company. Stable dispersion of polymers. [Divisional date 26th June 1962]. Accepted on 20th March 1964.

*Dispersion of polymers in an organic liquid, said liquid having dissolved therein a dispersing agent.*

## Opposition Proceedings

(1)

The opposition entered by The Belpahar Refractories Ltd. to the grant of a patent on application No. 65610 made by The Council of Scientific & Industrial Research as notified in Part III, Section 2 of the Gazette of India, dated 30th July 1960 has been successful in part. A patent will be seated on the application subject to amendment of the specification.

(2)

An opposition has been entered by The Director General, Research, Designs & Standards Organisation, Ministry of Railways, to the grant of a patent on application No. 82599 made by National Castings Company.

## Correction of Clerical Errors

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of patent application No. 76687 were corrected on the 19th March 1964.

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification in respect of patent application No. 83162 were corrected on the 18th March 1964.

## Patents Sealed

77837.	78207.	78318.	78320.	78336.	78405.	78413.
78540.	78664.	78728.	79385.	79388.	79805.	79824.
79832.	79839.	79843.	79907.	79916.	79953.	79956.
79960.	80011.	80027.	80164.	80171.	80248.	80254.
80279.	80280.	80305.	80363.	80418.	80435.	80439.
80447.	80511.	80525.	80547.	80594.	80627.	80657.
80684.	80686.	80704.	80723.	80727.	80819.	80824.
80891.	80900.	80910.	80928.	80947.	80980.	80982.
81017.	81032.	81061.	81129.	81166.	81175.	81197.
81198.	81202.	81228.	81233.	81254.	81275.	81282.
81285.	81295.	81356.	81361.	81404.	81456.	81474.
81476.	81501.	81510.	81511.	81548.	81578.	81582.
81701.	81780.	81838.	81854.	81901.	81929.	81947.
82034.	82055.	82077.	82257.	82297.	82335.	82343.
82363.	82548.	82561.	82643.	82730.	82760.	82794.
92859.	82933.	82959.	82973.	82981.	82998.	83029.
83043.	83168.	83174.	83205.	83226.	83252.	83703.
83774.	83955.	87532.				

## Amendment Proceedings

(1)

Notice is hereby given under section 17 of the Indian Patents and Designs Act, 1911 that Chas. Pfizer & Co. Inc., a corporation organised and existing under the laws of the State of Delaware, United States of America of 11 Burtlett Street, Brooklyn, State of New York, United States of America, seek leave to amend the specification in respect of Patent No. 76634. Any person desirous of opposing the application for amendment should at any time within 3 months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendments may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office on payment of the usual charges.

(2)

The amendments proposed by Aristoboulos Gheorghiou Petzetakis in respect of Patent application No. 79840 as advertised in the Gazette of India, Part III, Section 2, dated the 14th December 1963 have been allowed.

(3)

The amendments proposed by American Viscose Corporation in respect of Patent application No. 79927 as advertised in the Gazette of India, Part III, Section 2, dated the 7th December 1963, have been allowed.

(4)

The amendments proposed by American Viscose Corporation in respect of Patent application No. 79928 as advertised in the Gazette of India, Part III, Section 2, dated the 14th December 1963, have been allowed.



**Registration of Assignments, Licences, etc.**

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

67888 — National Research Development Corporation of India.

**Renewal Fees Paid**

41182.	41200.	41232.	41317.	41471.	41476.	41477.
41573.	41594.	42244.	42278.	42768.	42769.	42971.
43022.	43657.	44762.	44792.	44910.	44962.	44978.
45041.	45054.	45076.	47026.	47135.	47160.	47172.
47176.	47190.	47497.	47625.	49175.	49275.	49306.
49322.	49326.	49389.	49420.	49433.	49620.	49730.
49832.	49833.	51193.	51526.	51527.	51528.	51533.
51556.	51586.	51621.	51633.	51640.	51735.	51736.
51788.	51795.	51904.	52171.	52216.	52227.	52475.
52637.	53484.	54102.	54148.	54162.	54249.	54260.
54370.	54379.	54430.	54446.	54493.	54524.	54649.
54656.	54675.	54855.	55852.	56804.	56834.	56837.
56849.	56850.	56868.	56869.	56971.	57008.	57035.
57053.	57080.	57081.	57190.	57156.	57201.	57214.
57221.	57251.	57346.	57490.	57494.	57502.	57657.
57785.	58220.	58221.	58402.	59023.	59924.	59989.
59995.	60026.	60087.	60112.	60127.	60165.	60239.
60280.	60289.	60309.	60576.	60646.	60687.	60729.
60744.	60796.	60824.	60837.	60880.	60887.	60891.
60927.	61250.	61415.	61464.	63279.	63280.	63282.
63313.	63366.	63410.	63518.	63519.	63630.	63639.
63640.	63642.	63647.	63648.	63662.	63710.	63722.
63776.	63818.	63833.	63835.	63880.	63883.	63893.
64042.	64098.	64099.	64197.	64222.	64338.	64386.
64522.	64886.	64952.	65119.	65787.	66025.	66329.
66707.	66794.	66795.	67046.	67047.	67059.	67128.
67175.	67208.	67236.	67258.	67287.	67288.	67295.
67302.	67303.	67308.	67322.	67323.	67351.	67352.
67361.	67371.	67372.	67373.	67378.	67389.	67408.
67423.	67424.	67438.	67439.	67440.	67445.	67452.
67460.	67492.	67520.	67524.	67660.	67732.	67897.
67898.	67975.	68072.	68167.	68227.	68769.	68770.
69087.	69802.	71076.	71094.	71139.	71168.	71175.
71176.	71190.	71318.	71321.	71327.	71333.	71356.
71357.	71360.	71366.	71370.	71385.	71407.	71416.
71424.	71425.	71441.	71448.	71453.	71467.	71474.
71424.	71521.	71522.	71523.	71524.	71533.	71539.
71554.	71558.	71597.	71598.	71602.	71638.	71698.
71718.	71737.	71744.	71833.	71837.	71838.	71850.
72044.	72097.	72183.	72204.	72205.	72248.	72269.
72312.	72343.	72490.	72561.	72601.	73554.	73555.
75537.	75538.	75573.	75852.	75858.	75970.	75971.
76150.	76362.	76609.	76694.	76773.	76895.	77065.
78731.	79310.					

**Cessation of Patents**

40556.	43519.	44123.	44133.	46236.	46249.	50678.
53161.	53167.	53168.	55591.	55865.	55895.	57408.
58917.	62292.	62293.	62336.	62345.	62355.	62477.
62478.	64257.	64361.	65845.	65849.	65863.	65864.
65869.	65881.	65883.	65895.	69655.	69656.	69668.
69669.	69676.	69687.	69688.	69695.	69698.	69710.
69711.	69714.	69716.	69717.	69718.	69725.	69727.
69743.	69754.	69758.	69759.	69765.	69772.	69773.
69776.						

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 119797. John Leo Mulvaney, Bombay Mutual Building, Dr. Dadabhai Naoroji Road, Bombay-1, State of Maharashtra, Indian, "The metal moulds", October 5, 1963.

Class 1. No. 120334. Dilip Engineering Works, Indian Partnership Firm, 27-A, Industrial Estate, Rajkot (Gujarat), "Deep drawing power press", November 30, 1963.

Class 3. No. 119606. Societa' Italiana Telecomunicazioni Siemens S.p.A., a body incorporated under the laws of Italy, No. 12, Piazzale Zavattari, Milan, Italy, "A telephone instrument", September 18, 1963.

Class 3. No. 119796. John Leo Mulvaney, Bombay Mutual Building, Dr. Dadabhai Naoroji Road, Bombay-1, State of Maharashtra, Indian, "Timber moulds", October 5, 1963.

Class 3. No. 119812. Globe Metal Industries, Jogadhari, Punjab (India), a partnership concern, "Jug", October 8, 1963.

Class 3. Nos. 120366 and 120367. Bombay Brush Company Private Limited, a limited liability company, incorporated in India, 493-F, Arthur Road, Bombay-7, Maharashtra, India, "Handle of tooth brush", December 4, 1963.

Class 3. No. 120567. Vidya Sagar Chopra, Indian, House No. 11727, Gali No. 4, Sat Nagar, Karolbagh, New Delhi-5 (India), "An insulation cap for switches", December 23, 1963.

Class 3. No. 120685. Shakti Industries, Indian Partnership Firm, 89, Ranade Road, and Cadell Road, Dadar, Bombay-28, Maharashtra, "Polythene packing bags and tubings", January 6, 1964.

Class 3. No. 120686. Anchor Lite, Indian Firm, 15, Bombay Talkies Compound, Malad (West), Bombay-64, Maharashtra, "Electric sockets", January 6, 1964.

Class 4. No. 119871. Pilkington Brothers Limited, a Company incorporated under the laws of Great Britain, 277-283 Martins Bank Building, Water Street, Liverpool 2, Lancashire, England, "A light reflecting stud", May 31, 1963 (United Kingdom).

Class 4. No. 120584. Sureshchand Bansilal Sanghavi and Prafulchand Bansilal Sanghavi, Indian Subjects P.O.: Utran, District: Jalgaon, Maharashtra, India, "Bottles", December 26, 1963.

Class 5. No. 120435. Kameshwar Shaw, an Indian citizen, Pathrol, Madhupur, Bihar, "Label", December 7, 1963.

Class 13. Nos. 120182 to 120200. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", November 13, 1963.

Class 13. Nos. 120585 to 120593. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", December 27, 1963.

Class 13. No. 121049. The Victoria Mills Limited, an Indian Company, Delisle Road, Parel, Bombay-13, "Cotton piecegoods", February 7, 1964.

Class 13. Nos. 121050 and 121051. Premier Chemical Industries, Opp. Usha Talkies, Patelwadi, New Nagardas Cross Road, Andheri (East), Bombay-69, Maharashtra State, Indian Sole Proprietary Concern, "Textile goods", February 7, 1964.

Class 13. Nos. 121052 to 121059. The Standard Mills Co. Ltd., Indian Company, Mafatlal House, Backbay Reclamation, Bombay-1 (India), "Textile goods", February 7, 1964.

Class 13. Nos. 121092 to 121135. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piecegoods", February 11, 1964.

Class 13. Nos. 121162 and 121163. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", February 17, 1964.

**Copyright Extended for a Second Period of Five Years**

Design No. 98073, Class 5.

**Copyright Extended for a Third Period of Five Years**

Design No. 78250, Class 4.

A. JOGARAO

Controller General of Patents, Designs and Trade Marks